Appendix I-B

Commissioning Evaluation Forms

AWIPS Site Component
Commissioning Report

July 1999

Office Name:

Office ID (SID):   **Office Type:**

NWS Region/Center:

Approving Official:

Date Commissioned:

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service
Office of Systems Operations

AWIPS SITE COMPONENT COMMISSIONING RECOMMENDATION/APPROVAL FORM

1. Office SID:	2. Office Location (Name, State, Region):
3. AWIPS SID:	4. Software Version:

5. Contract Line Item Numbers (CLIN) From DD Form 250

6. Start of Evaluation (Date):   Completion of Evaluation (Date):

7. Evaluation Official (Name, Title, Phone Number):

  _____   _____   _____

8. Evaluation Official Signature: _____   Date: _____

OFFICE RECOMMENDATION FOR COMMISSIONING

I, the undersigned, recommend this AWIPS Site Component be commissioned for official use by the National Weather Service.

9. Office Manager Title:_____

10. Manager's Name: _____

11. Signature: _____   Date: _____

REGION/CENTER RECOMMENDATION FOR COMMISSIONING

As Regional/NCEP Director, I recommend this AWIPS Site Component be commissioned for official use by the National Weather Service.

12. Region or Center:_____

13. Manager's Name: _____

14. Signature: _____   Date: _____

APPROVAL OF COMMISSIONING

As Director, NWS, I approve the commissioning of this AWIPS Site Component for official use by the National Weather Service.

15. Director's Name: _____

16. Signature: _____ Date: _____

IMPLEMENTATION OF COMMISSIONING APPROVAL

As NWS AWIPS Commissioning Manager, I certify this Site Component was commissioned on the date indicated below.

17. NWS MAR Commissioning Manager Name: _____

18. NWS MAR Commissioning Manager Signature: _____

19. Date of Signature: _____

20. Date of Site Component Commissioning: _____

Recommendation/Approval Forms

When Regional/Center Director Approves

AWIPS SITE COMPONENT COMMISSIONING RECOMMENDATION/APPROVAL FORM

1. Office SID:	2. Office Location (Name, State, Region):
3. AWIPS SID:	4. Software Version:

5. Contract Line Item Numbers (CLIN) From DD Form 250

6. Start of Evaluation (Date):   Completion of Evaluation (Date):

7. Evaluation Official (Name, Title, Phone Number):

 _____   _____ _____

8. Evaluation Official Signature: _____   Date: _____

OFFICE RECOMMENDATION FOR COMMISSIONING

I, the undersigned, recommend this AWIPS Site Component be commissioned for official use by the National Weather Service.

9.Office Manager Title:_____

10. Manager's Name: _____

11. Signature: _____   Date: _____

APPROVAL OF COMMISSIONING

As Regional/Center Director, I approve the commissioning of this AWIPS Site Component for official use by the National Weather Service.

12. Regional Director Name: _____

13. Signature: _____ Date: _____

IMPLEMENTATION OF COMMISSIONING APPROVAL

As NWS AWIPS Commissioning Manager, I certify this Site Component was commissioned on the date indicated below.

14. NWS MAR Commissioning Manager Name: _____

15. NWS MAR Commissioning Manager Signature: _____

16. Date of Signature: _____

17. Date of Site Component Commissioning: _____

Commissioning Checklist

AWIPS COMMISSIONING CHECKLIST	Satisfactory	Not-Applicable *	Work-Around * #
Location Name/State: ID:			
Evaluation Element			
1. **Successful Completion of Site Component Acceptance Test**			
1a Signed Acceptance Report DD250			
1b Major Component Verification			
1c Property Accounting			
1d Initial Consumables			
2. **Adequate Availability of Trained Operations and Maintenance Personnel**			
2a CUT Training			
2b OUT Training			
2c WHFS Training			
2d Operational Proficiency			
2e UNIX Training			
3. **Satisfactory Performance of System Functions and Interfaces**			
3a.1 LDAD Data Collection Platforms			
3a.2 ROSA			
3a.3 MESONET			
3a.4 Spotters			
3b.1 General LDAD Requirements			
3b.2 Text and graphics products			
3b.3 LDAD documentation			
3b.4 Internet			
3c Hydrologic Systems			
3d Upper-Air—MicroART			
3e Coastal Marine Networks			
3f Automated Surface Observing System/Other Surface Systems			
3g WSR-88D Interface			
3h Satellite Data			
3i Console Replacement System/NOAA Weather Radio			

* Document significant Not-Applicable ratings and all Work-Arounds under Remarks

AWIPS COMMISSIONING CHECKLIST	Satisfactory	Not-Applicable *	Work-Around # *
Location Name/State: ID:			
Evaluation Element			
3j	NOAA Weather Wire Service			
3k	NCEP Systems			
3l	CWSU			
3m.1	Fire Weather			
3m.2	Local Government Computer Systems (through the AWIPS firewall)			
3m.3	SOO/SAC Workstations			
3m.4	Local LAN			
3m.5	Hydromet Workstation			
3m.6	FAA Interfaces			
3n	LDAD Dissemination			
3n.1	LETS/SETS			
3n.2	Emergency Managers			
3n.3	Bulletin Board			
3o	Local Single/Multifunction PCs			
3p	AFOS Switched to Receive-Only			
4.	**Satisfactory Support of Associated NWS Forecast and Warning Services**			
4a	General Requirements			
4b	Technical Coordination			
4c	Map Projections/Backgrounds			
4d	Grids/Plots/Graphics/Images			
4e	Display/Analysis of Data and Products			
4f	User-Defined Procedures			
4g	Parameters/Indices/Operations/Calculations			
4h	WFO Objective Analysis Techniques/Models/LAMP			
4i	Hydrologic Models			
4j	Hydrologic Service Area (HSA) Display/Analysis/Product Preparation			
4k	Public Product Preparation			
4l	Forecast Verification			
4m	Data Quality Control Checks			

AWIPS COMMISSIONING CHECKLIST	Satisfactory	Not-Applicable *	Work-Around * #
Location Name/State: ID:			
Evaluation Element			
5. **Proper Functioning of System and Service Backups**			
5a Workstation Failure Backup Procedure			
5b AS/CP/DS Failure Backup Procedure			
5c Primary RADAR Failure Backup Procedure			
5d.1 LDAD Failure Backup Procedure			
5d.2 ASOS			
5d.3 ROSA			
5d.4 MESONET			
5d.5 LETs/SETs			
5d.6 Internet			
5d.7 ALERT/IFLOWS			
5d.8 Spotters			
5d.9 Hydromet Workstations			
5d.10 Fire Weather			
5d.11 LARCs/ARCs/AMOS/RAMOS			
5e WANFailure Backup Procedure			
5f WFO Service Backup Procedure			
5g WFO Service Backup Procedure			
5h WFO Service Backup Procedure No. 2			
5k River Forecast Center Computational Backup.			
6. **Adequate Documentation for Operations and Maintenance**			
6a System Documentation			
6b Applicable WSOM Chapters			
6c Station Duty Manual			
6d Security Policy			
7. **System Functions and Security**			
7a Localization of Site-Specific Data			
7b System Security			

AWIPS COMMISSIONING CHECKLIST	Satisfactory	Not-Applicable *	Work-Around # *
Location Name/State: ID:			
Evaluation Element			
7c Firewall Security			
7d Displays/Panels/Windows			
7e Graphics/Images/Animation			
7f Text/Graphics/Image Colors/Cursor			
7g Decoders for Data Acquisition and Processing			
7h Printers			
7i Monitor & Control			
7j Data Management			
7k Archiving			
7l System Message Handling			
7n Product Availability			
7o Local Applications Under AWIPS			